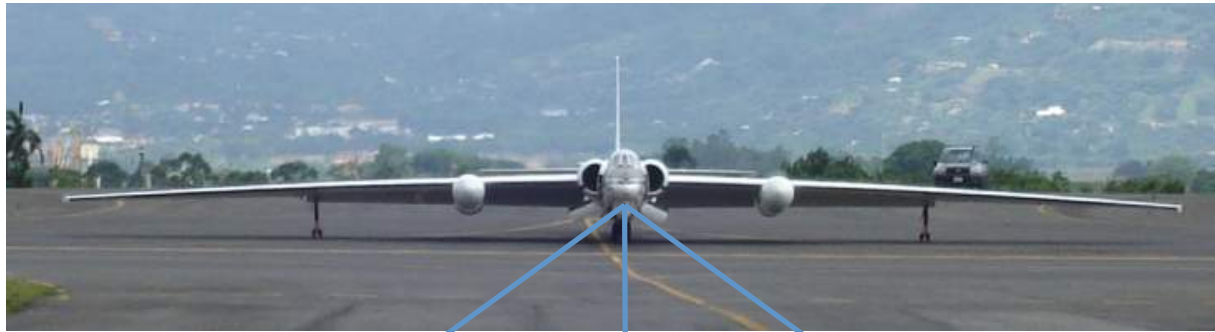


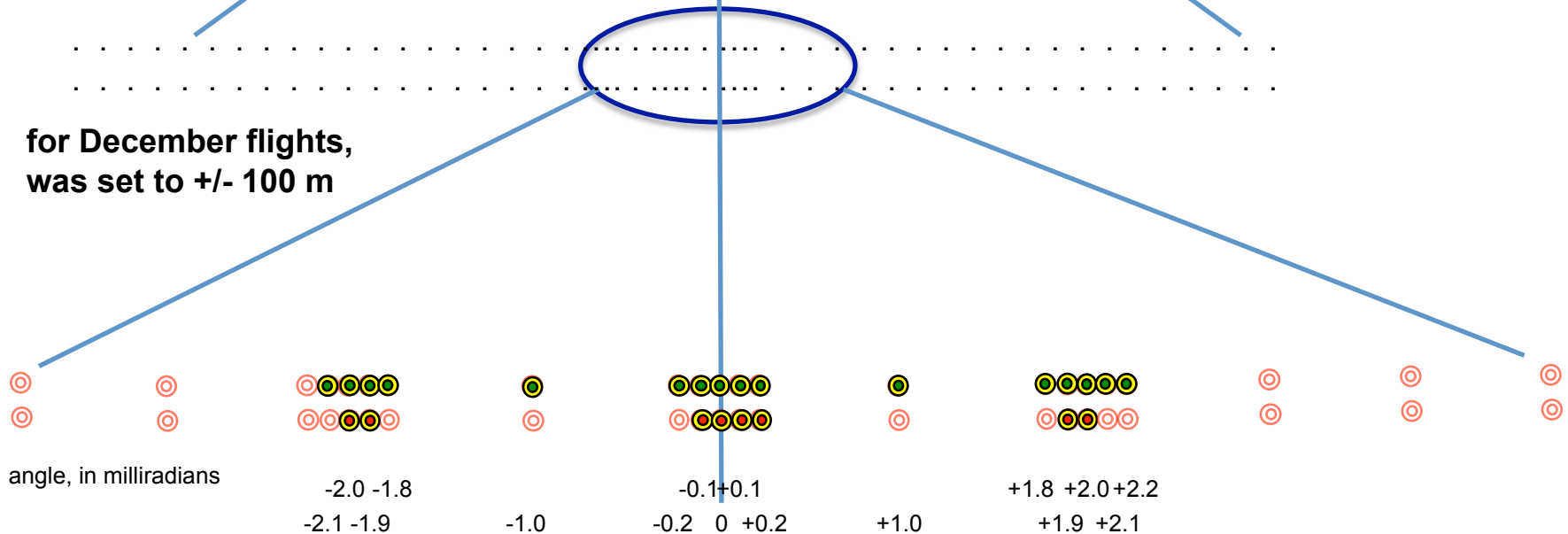
Footprint geometry for initial flights



maximum off-nadir
angle is +/- 1.05 km

“+” angles are to the left side
as the plane flies forwards

for December flights,
was set to +/- 100 m



Angle – to – Channel Mapping

fiber #	TOF card	TOF channel #	angle (mrad)	wavelength	filter*
G16	1	10	+2.2	532	69%
G15	1	11	+2.1	532	69%
G14	1	9	+2.0	532	69%
G13	1	12	+1.9	532	69%
G12	1	8	+1.8	532	69%
G11	1	13	+1.0	532	69%
G10	1	7	+0.2	532	69%
G9	1	14	+0.1	532	69%
G8	1	6	0.0	532	69%
G7	1	15	-0.1	532	69%
G6	1	5	-0.2	532	69%
G5	1	16	-1.0	532	69%
G4	1	4	-1.8	532	69%
G3	1	1	-1.9	532	69%
G2	1	3	-2.0	532	69%
G1	1	2	-2.1	532	69%
R8	1	43	-2.0	1064	15%
R7	1	44	-1.9	1064	49%
R6	1	45	-0.1	1064	15%
R5	1	46	0.0	1064	49%
R4	1	50	+0.1	1064	15%
R3	1	49	+0.2	1064	49%
R2	1	48	+1.9	1064	15%
R1	1	47	+2.0	1064	49%

valid for
March 28, 2011

***filter**
gives the relative
transmitted energy
based on neutral
density filters
inserted into
transmit beam